

Update on Performance Measures and Reporting Requirements

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2017 Annual Grantee Meeting

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Objectives

- Overview of evaluation and performance measurement
- Provide summary information on selected performance measures reported in 2015 Annual Progress Report Analysis (APRs)
- Provide information on performance measures for year 2 APRs
- Provide information on new performance measures for year 3 APRs



Overview of Evaluation and Performance Measurement

Purpose of Evaluation and Performance Measurement

▪ Purpose of Evaluation

- Systematic collection of information about activities, characteristics or outcomes of programs

▪ Purpose of Performance Measurement

- Assess if progress is being made towards desired goals
- Identify gaps or problem areas
- Reassess goals and objectives
- Identify successful models or best practices



Update on 2015 Annual Progress Report

Annual Progress Report Analysis

- N=31 grantees
- All grantees identified having a recruitment plan

Performance Measure	Mean	Standard Deviation	Range	Quartile 1 (25%)	Quartile 2 (50%)	Quartile 3 (75%)	Quartile 4 (100%)
# of facilities with EDs identified	84	57	15-239	36 (8 of 31 grantees)	62 (8 of 31 grantees)	120 (8 of 31 grantees)	239 (6 of 31 grantees)
# of facilities with EDs sending data	47	54	0-205	9 (8 of 31 grantees)	26 (9 of 31 grantees)	76 (7 of 31 grantees)	205 (7 of 31 grantees)
Percentage of facilities with EDs sending data	54%	37%	0-100%	13 (8 of 31 grantees)	67 (8 of 31 grantees)	86 (8 of 31 grantees)	100 (7 of 31 grantees)

Update on Year 2 Performance Measures and Reporting

Performance Measure Focus Area: Representativeness

Performance Measure	Denominator	Numerator
Proportion of all hospital EDs that submitted ED data to the BioSense Platform	Total number of hospital EDs in the jurisdiction	Number of hospital EDs that are submitting data to the BioSense Platform during the reporting period
Proportion of total ED visits where ED data were submitted to the BioSense Platform	Total number of ED visits in the jurisdiction	Number of hospital ED visits in the jurisdiction submitting data to the BioSense Platform during the reporting period
Number of DUAs signed with local facilities	N/A	N/A
Number of DUAs signed with local facilities that allow data sharing with CDC and other jurisdictions	N/A	N/A

Performance Measure Focus Area: Data Quality

Performance Measure	Denominator	Numerator
Number of local and state users registered to access data or view results on the BioSense Platform	N/A	N/A
Proportion of ED records with missing fields in data fields	Sum of visits for the hospital EDs submitting data to the platform.	Sum of visits, during the reporting period, that were missing data for that specific data element
Proportion of ED records with invalid values in data fields	Sum of records for hospital EDs submitting data to the platform	Sum of records, during the reporting period, that had invalid values for that specific data element for which a value set is required
Proportion of records submitted to grantee within 24 hours of the data and time of the patient's initial encounter.	Sum of records for hospitals with EDs that are submitting data to grantee	Sum of records, during the reporting period, that was received within 24 hours of the patient's encounter
Proportion of records available in the front end application of the BioSense Platform within less than 48 hours after patient admission to the ED	Sum of records for hospitals with EDs that are submitting data to the BioSense Platform	Sum of records, during the reporting period, that were less than 48 hours from the calculation (FirstArriveDateTimeofvisit - CalculatedVisitDateTime)
Number of success stories from collaboration	N/A	N/A

Performance Measure Focus Area: Syndromic Surveillance Practice

Performance Measure

Number of syndromic surveillance stakeholders participating in grantee jurisdictional workgroup

Jurisdictional workgroup plan with annual measureable objectives that align to NSSP priorities

Number of grantee staff participating in NSSCoP projects

Number of grantee staff participating in NSSP professional development activities

Number of grantee staff participating in annual grantee meeting

Performance Measure Focus Area: Outcome

Performance Measure

Number of use cases for syndromic surveillance

Number of distinct public health events/mass gatherings/etc where data were shared with local/regional partners or with CDC

Number of ED hospitals/urgent care facilities that have achieved Meaningful Use Stage 2 compliance for syndromic surveillance

List of syndromic surveillance reports or publications

List of syndromic surveillance presentations

List of syndromic surveillance trainings

Number of grantee staff engaged in peer-to-peer mentoring

Syndromic surveillance success stories

Year 3 Performance Measures and Reporting

Activities for Refining Year 3 Measures

- **Used internal and external processes**
- **External workgroup:**
 - FL- Allison Culpepper
 - GA- Lance Ballester
 - NV- Brian Parrish and Liliana Wilbert
 - KS- Sophia Crossen and Zach Stein

Performance Measure Focus Area: Representativeness

Performance Measure
Recruitment plan with identification of EDs and other entities (UCCS, HIEs)
Number of EDs (also UCCs and other facilities, as applicable) recruited to send data to the BioSense Platform
Number of EDs (also UCCs and other facilities, as applicable) that completed onboarding

Performance Measure Focus Area: Representativeness

Performance Measure	Denominator	Numerator	Data source
Percent of all hospital EDs in the jurisdiction that are submitting data to the BioSense Platform	Total number of hospital EDs in the jurisdiction	Number of hospital EDs that are submitting data to the BioSense Platform during the reporting period	Possible sources: 1) American Hospital Association 2) State data source, if applicable
Percent of all ED visits in the jurisdiction which data were submitted to the BioSense Platform	Total number of ED visits in the jurisdiction	Number of hospital ED visits in the jurisdiction submitting data to the BioSense Platform during the reporting period	Possible data sources: 1) American Hospital Association 2) State data source, if applicable

Performance Measure Focus Area: Data Quality

Performance Measure	Denominator	Numerator
Percent of ED visits submitted to the BioSense Platform, during the reporting period, that have complete information for all data elements of interest listed in the PHIN Guide Version 2.0 Table 4.2	Total number of ED visits submitted to the BioSense Platform	Sum of ED visits submitted to the BioSense Platform, during the reporting period, with complete information for each data element of interest
Percent of ED visits submitted to the BioSense Platform during the reporting period that have valid values for all data elements of interest listed in the PHIN Guide Version 2.0 Table 4.2	Total number of ED visits submitted to the BioSense Platform	Sum of ED visits submitted to the BioSense Platform, during the reporting period, with valid values for each data element of interest for which a value set is required.
Percent of records received into the BioSense Platform within 24 hours of the date and time of the patient's initial encounter	Sum of visits for hospitals with EDs that are submitting data to the BioSense Platform	Sum of visits, during the reporting period, less than 24 hours from calculation (FirstArriveDateTime of visit)-(CalculatedVisitDateTime)

Performance Measure Focus Area: Syndromic Surveillance Practice

Performance Measure

Number of state and local users registered to access data or view results on the BioSense Platform

Number of facility users registered to access data or view results on the BioSense Platform

Number of public health partners or organizations users registered to access data or view results on the BioSense Platform

Maintain or establish jurisdictional workgroups. Indicate title of workgroup, objective, number of members and offices they represent.

Develop a jurisdictional workgroup work plan with annual measureable objectives that align to NSSP priorities and NSSCoP activities determined by the community of practice

Performance Measure Focus Area: Syndromic Surveillance Practice

Performance Measure

Number of grantee staff who participated in syndromic surveillance related projects and activities

Number of grantee staff participating in NSSP professional development activities

Number of grantee staff participating in annual grantee meeting

List success stories resulting from collaboration with CDC using syndromic surveillance data

Performance Measure Focus Area: Outcome

Performance Measure

List of use cases for syndromic surveillance, their application and impact on program strategies or policies

Number of ED hospitals/urgent care facilities that have achieved Meaningful Use Stage 2 compliance for syndromic surveillance

List of syndromic surveillance presentations, reports or publications

Reporting Instructions for Year 3

- Utilize the Performance Monitoring and Progress Report
- Word document is the official OMB approved reporting form
 - Must be submitted with the Annual Progress Report
 - Space is limited so you can use the excel spreadsheet to report measures
 - **Must indicate on the word document that all information is on excel version**
- Utilize the excel spreadsheet to report measures
 - Attach as a supplementary document
 - All information can be on this form
 - **Must indicate on the word document to see excel attachment**

Performance Monitoring and Progress Report

OMB Approval Number: **0920-1132**
Expiration Date: XX/XX/XXXX

PERFORMANCE PROGRESS and MONITORING REPORT Performance Measures

1. Federal Agency and Organization Element to Which Report is Submitted		2. Federal Grant or Other Identifying Number Assigned by Federal Agency		3a. DUNS	4. Reporting Period End Date (Month, Day, Year)		
CDC/ Jurisdiction		OE15-1502		3b. EIN	March 1, 2017-February 28, 2018		
A. Performance Measures							
(1) Measure Number or Label	(2) Objective/Goal Description	(3) Measure	(4) Baseline	(5) Target Year	(6) Project Target	(7) Actual To Date	(8) Explanation
A-01	Improve representativeness of data	Recruitment plan with identification of EDs and other entities as applicable <u>e.g. UCCs</u> , HIEs					
A-02	Improve representativeness of data	Number of EDs recruited to send data to the BioSense Platform	20	2018	30	28	Two facilities lost IT staff which slowed the process. Data source is state records
A-03	Improve representativeness of data	Number of Urgent Care Centers (UCCs) and other facilities recruited to send data to the BioSense Platform (only if applicable)					
A-04	Improve representativeness of data	Number of EDs that completed onboarding					
A-05	Improve representativeness of data	Number of UCCs or other facilities that completed onboarding (only if applicable)					
A-06	Improve representativeness of data	Percent of all EDs in the jurisdiction that are submitting data to the BioSense Platform	Numerator: Number of hospital EDs in the jurisdiction submitting data to BioSense Platform during the reporting period Denominator: Total number of hospitals with EDs in the jurisdiction (American Hospital Association data source) Denominator: Total number of hospitals with EDs in the jurisdiction (Other data sources of information, if applicable)				

Performance Monitoring and Progress Report

THANK YOU!

QUESTIONS?

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.